

Results of Tests on brick Conducted in accordance with C67/C67M - 24 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

07/24/2025

Name:	The Belden Brick Company	Plant:	Sugarcreek
	P. O. Box 430	Sampled Date:	7/11/2025
	Sugarcreek, OH 44681	Received Date:	7/11/2025
Phone:	330-456-0031	Fired Date:	7/11/2025
Fax:	330-456-2694		
Report Number:	14065-34933		

Description: **PLT 2, All Shale Spectrum Series Clear Fire (Face)**

Absorption	1	2	3	4	5	Average	Test Date
24 Hour Cold Water (%)	1.5	1.3	1.7	1.3	1.4	1.4	7/17/2025
5 Hour Boiling Water (%)	1.6	1.4	1.8	1.4	1.6	1.6	
Saturation Coefficient	0.90	0.94	0.93	0.91	0.88	0.91	

Compressive Strength	1	2	3	4	5	Average	Test Date
psi	22,630	23,410	19,950	21,070	21,900	21,790	7/21/2025

IRA (Oven Dried Method)	6	7	8	9	10	Average	Test Date
g/min/30 in. ²	3.3	3.5	3.6	3.8	4.4	3.7	7/15/2025

Efflorescence	11	12	13	14	15	Test Date
Efflorescence Detection	Not	Not	Not	Not	Not	7/23/2025
	Effloresced	Effloresced	Effloresced	Effloresced	Effloresced	

Void Area	1	2	3	4	5	Average	Test Date
Void Area (%)	21	21	21	21	21	21	7/15/2025

The brick represented by the test results shown here comply with the physical property requirements of the standards listed below:

ASTM C216 - 24 Standard Specification for Facing Brick (Solid Masonry Units Made From Clay or Shale)
Grade: SW, MW


Katherine Hill, Quality Manager

**The temperature and humidity of the Bishop Materials Laboratory is constantly kept between 60 -90F, and 30-70% RH. The sampling for these tests was done by the customer. These results are specific to the samples tested. A Simple Acceptance Decision Rule was applied when determining the conformity statement shown on this report. Reporting of test results follows the requirements of the appropriate ASTM Test Method. For information on the decision rules or measurement uncertainty, please contact Kathy Hill, BML Quality Manager. This test report shall not be reproduced except in full, without written approval of the laboratory.*